



DEPARTMENT OF THE ARMY
HEADQUARTERS US ARMY GARRISON
2837 BOYD AVENUE
FORT HUACHUCA ARIZONA 85613-7001

REPLY TO
ATTENTION OF

ATZS-CDR (200)

MAY 20 2005

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: POLICY 022 – Fort Huachuca Irrigation and Water Management

1. Fort Huachuca has an obligation to be a responsible steward of our desert environment. Water conservation is required at Fort Huachuca, and constitutes part of the Fort's compliance with the Endangered Species Act. The purpose of this policy memorandum is to establish irrigation and water management policy for Fort Huachuca.
2. Family Housing Areas:
 - a. Attended, hand held hoses to water lawns, trees, shrubs, gardens, and flowers are authorized throughout the year at any time. Newly seeded lawn areas may be watered with hand-held hoses only, except as otherwise allowed in paragraph 2b. Personnel are urged to time reseedling to take advantage of summer (usually July and August) rains. Call 538-SAVE in advance to get a copy of reseedling guidelines to improve success in germination.
 - b. Residents in family housing areas may use sprinklers or soaker hoses for yard irrigation twice a week during the months of May and June only. Due to water storage and pressure limitations, sprinkler use is staggered by area. The Bonnie Blink area residents may water with sprinklers on Wednesdays and Sundays from 1800 to 2000. The remainder of the family housing area residents may water with sprinklers on Tuesdays and Saturdays from 1800 to 2000. Timers may be used, but may activate sprinklers only within authorized hours. Sprinklers will be positioned and moved regularly so that water does not run onto sidewalks and pavement.
 - c. Residents will provide sufficient watering with either sprinklers or hand-held hoses to maintain the health of trees and shrubs in their yards.
 - d. Housing showerheads may be 1.5 gallons per minute (gpm) up to 2.5 gpm. If you do not know what type of showerhead is in the house, you should check for compliance or call 538-SAVE. Noncomplying showerheads will be exchanged at Self-Help, building 22408.
3. Non-Family Housing Areas:
 - a. For other-than-family housing areas, attended (hand-held) hoses can be used at any time and sprinkler irrigation may occur for up to two hours only between 1500 and 1000, twice a week during the months of May through September. No watering with sprinklers will occur between

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1000 and 1500 on any day, with the exceptions in paragraph 3b for areas watered with treated effluent. Supplemental watering with sprinklers should be minimized during monsoon rainy season.

b. Areas watered by treated effluent, such as the Mountain View Golf Course, Chaffee Parade field, parts of MI Village, and the Eifler Sports Complex, may be irrigated to meet mission physical training requirements. This exception is due to limitations in availability of treated effluent.

c. Outdoor decorative water features, such as fishponds and water fountains, in the landscape of operational and administrative areas are not authorized.

d. Showerheads in administrative buildings will have a maximum water use rating of 1.5 gpm. If you do not know what type of showerhead is in your area, check for compliance or call 538-SAVE.

e. The organization occupying a facility must ensure that timing of sprinklers is within the allowable watering hours. Commanders and Directors of these organizations will ensure that systems are in compliance with this policy. At remote or unmanned facilities, the managing organization must ensure that irrigation timing is within authorized hours. Resetting of irrigation systems following power failures, so that irrigation is within allowable hours, will be corrected not later than the end of the working day following the power outage.

f. Organizations, individuals or contractors who cause water loss from lines broken as a result of either failure to coordinate advanced 'Bluestake' markings, or broken by failure to adhere to 'Bluestake' markings, will be assessed costs for causing the break and for the loss of water. Estimates will be calculated according to the pipe size and elapsed time before the pipe is shut off at the valve or repaired, whichever stops the water loss first. A rate of not less than \$5 per 1000 gallons will be assessed. This cost covers the cost of pumping, and the cost to the installation to zero-balance the loss from the aquifer.

g. In other than Army Family Housing, new turf areas or expansions of existing turf areas will be less than 500 square feet total. Areas currently larger than 500 square feet may not be expanded. New turf areas larger than 1000 square feet will use artificial turf.

4. All Personnel and Areas:

a. Residents and employees must prevent water they are using from running onto pavement or into the street. No water is to run from unattended hoses. When water is emptied from

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wading pools or other collection devices, it will be released where it can be used by lawns and vegetation, and not run into the streets. If the water can be released so that it quickly enters the sewage system, then it may be disposed of through the sewers. This will allow for recovery, treatment, and reuse of the water within the Fort's effluent reuse system.

b. All car-washing activities will use appropriate nozzles and buckets to prevent water wasting. No water is to run from unattended hoses. Fund-raising groups are encouraged to consider other methods to raise funds for their respective organizations. If car washes are held, the option of a "Conservation Wash," such as washing windshields with window cleaner for a donation, should be offered. Organizational fund-raiser car washes on post may occur only at the parking lots at the Thrift Shop and the Cochise Theater, as coordinated through ATZS-MWS-O (533-2080). These locations will be metered and read on a regular basis.

c. Maintenance requirements, or problems that result in water leaks or water being wasted, must be called into the Directorate of Public Works (DPW) immediately (533-3151). When placing a service order, specify that water is leaking, what it is leaking from if possible, the required repair, and try to provide information on the approximate size of the leak, such as steady drip, stream as wide as a pencil, or stream like a fire hose.

d. Enforcement of this policy is a command responsibility. Commanders are responsible for ensuring that their personnel understand this policy and comply with it in both administrative and residential areas on the installation.

5. Enforcement for noncompliance with paragraphs 2 through 4 of this policy is as follows:

a. Housing residents will be cited for violations of this policy. These citations will be provided to the Soldier's commander for command information and action. Three citations will result in referral to the Garrison Commander for review of the individual resident's housing status and possible termination of housing privileges on Fort Huachuca. If on-post housing privileges are revoked, the Soldier will fund moving off-post.

b. Administrative areas will also be cited. These citations will be referred for action through the chain of command.

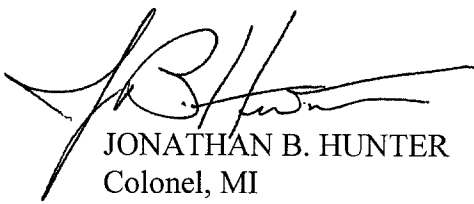
6. Individuals and organizations with water saving suggestions, concerns about water waste at a specific facility or housing unit on the Fort, or with interest in additional information about improving their personal or unit water conservation efforts may contact the Energy and Water Conservation Education Coordinator at 538-SAVE.

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7. Exception to policy must be requested through the DPW, ATTN: ATZS-IS, to the Garrison Commander. If more information is required, contact Contract Management Division at 533-1442.
8. Fort Huachuca has a great water conservation record. Your cooperation and on-the-spot help in educating everyone are necessary to meet our continuing reduction goals.
9. The proponent for this policy is the DPW, Contract Management Division, ATZS-ISU.
10. This memorandum supersedes policy memorandum, ATZS-CDR, 5 January 2005, subject: POLICY 022 – Fort Huachuca Irrigation and Water Management Policy.

Encl
Water Policy Table



JONATHAN B. HUNTER
Colonel, MI
Commander, US Army Garrison

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SIMPLIFIED WATER POLICY TABLE

Effective 5/02/2005

ACTIVITY	FAMILY HOUSING	FACILITIES OTHER THAN FAMILY HOUSING	REMOTE FACILITIES (unmanned)
Watering with hand held hoses	Authorized at any time	Authorized at any time	Authorized at any time
Watering with unattended hoses	Not authorized at any time	Not authorized at any time	Not authorized at any time
Use of sprinklers	Twice a week in May and June from 1800 until 2000. Bonnie Blink may sprinkle on Wed and Sun. All other family housing may sprinkle on Tues and Sat.	Twice a week between 1500 and 1000, May through Sept. No sprinklers will be used between 1000 and 1500 except at the Golf Course, Chaffee field and the Efler sports complex (effluent water)	Twice a week between 1500 and 1000, May through Sept. No sprinklers will be used between 1000 and 1500 except at Chaffee field, Efler sports complex (effluent water)
Use of treated effluent sprinkler irrigation	Not authorized	As effluent is available to meet mission requirements	As effluent is available to meet mission requirements
Sprinklers on timers	Authorized at resident's expense and if used within allowable hours.	Authorized. Must be used within allowable hours. Must be reset within 1 day after power interruption.	Authorized. Must be used within allowable hours. Must be reset within 1 day after power interruption.
Vehicle washing	No hoses running unattended On/Off nozzles must be used to minimize water waste	Official Vehicles: In authorized washracks only Fund-raisers: Parking lots at Thrift Shop and Cochise Theater only.	Not authorized.
Required showerheads	2.5 gallons per minute or less	1.5 gallons per minute or less	1.5 gallons per minute or less
Drip irrigation	Not authorized	Authorized. Must be used within allowable hours. Must be reset within 1 day after power interruption.	Authorized. Must be used within allowable hours. Must be reset within 1 day after power interruption.